

ABSTRACT

5 A turbocharger including center housing with a thermally decoupling
flange is provided. The flange, which extends generally radially outward from a
body of the center housing, has a connection portion that can be used to mount the
center housing to a turbine housing of the turbocharger. A curved portion of the
flange is disposed between the connection portion and the housing body and
provides a thermal decouple for reducing the thermal gradient in the connection
10 portion. The curved portion can also increase the flexibility of the flange to
reduce the stresses therein that result from temperature variations in the center
housing.